

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001183

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A23L 3/06, A23L 3/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A23L, B65G, F26B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI DATA, EPODOC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0923868 A1 (KOPPENS BV), 23 June 1999 (23.06.1999), column 4, line 42 - line 55, figures 1-3 --	1-19
A	FR 2367260 A (SULZER-ESCHER WYSS GMBH), 5 May 1978 (05.05.1978), figure 1, claim 1 --	1-19
A	US 3733710 A (KEARNEY ET AL), 22 May 1973 (22.05.1973), column 3, line 17 - line 33, figure 1 --	1-19
A	US 4480535 A (JAXMAR ET AL), 6 November 1984 (06.11.1984), figure 1, abstract --	1-19

☒ Further documents are listed in the continuation of Box C.
 ☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

11 November 2004

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12-11-2004

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PCT/SE 2004/001183

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5078120 A (HWANG), 7 January 1992 (07.01.1992), figures 1,5, abstract --	1-19
A	US 5343715 A (LANG), 6 Sept 1994 (06.09.1994), column 3, line 39 - line 68, figures 1-3 --	1-19
A	WO 9724569 A1 (FRIGOSCANDIA EQUIPMENT AB), 10 July 1997 (10.07.1997), figure 2, abstract --	1-19
A	WO 9957496 A1 (FRIGOSCANDIA EQUIPMENT AB), 11 November 1999 (11.11.1999), figures 2-5, abstract -- -----	1-19

INTERNATIONAL SEARCH REPORT
Information on patent family members

01/10/2004

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EP	0923868	A1	23/06/1999	NONE		
FR	2367260	A	05/05/1978	BE	859395 A	01/02/1978
				CH	609214 A	28/02/1979
				DE	2645835 A,B,C	06/04/1978
				DK	142252 B,C	29/09/1980
				DK	429977 A	06/04/1978
				NL	7710316 A	07/04/1978
US	3733710	A	22/05/1973	CA	951893 A	30/07/1974
US	4480535	A	06/11/1984	AU	556964 B	27/11/1986
				AU	1575183 A	05/01/1984
				CA	1200225 A	04/02/1986
				DE	3319617 A,C	22/12/1983
				ES	523458 A	16/06/1984
				ES	8405926 A	01/10/1984
				FR	2528957 A,B	23/12/1983
				GB	2122327 A,B	11/01/1984
				GB	8315577 D	00/00/0000
				IT	1163556 B	08/04/1987
				IT	8321712 D	00/00/0000
				JP	2064863 U	16/05/1990
				JP	59007866 A	17/01/1984
				NL	191718 B,C	01/12/1995
				NL	8302224 A	16/01/1984
				SE	436491 B,C	17/12/1984
				SE	8203873 A	23/12/1983
US	5078120	A	07/01/1992	AT	126344 T	15/08/1995
				AU	659992 B	08/06/1995
				AU	7251691 A	21/08/1991
				CA	2074513 A	27/07/1991
				DE	69112035 D,T	11/01/1996
				DK	512061 T	02/10/1995
				EP	0512061 A,B	11/11/1992
				SE	0512061 T3	
				ES	2077217 T	16/11/1995
				JP	6505165 T	16/06/1994
				US	5243962 A	14/09/1993
				WO	9111660 A	08/08/1991
US	5343715	A	06/09/1994	AU	3070592 A	15/06/1993
				CA	2122496 A	27/05/1993
				US	5205135 A	27/04/1993
				WO	9310410 A	27/05/1993
WO	9724569	A1	10/07/1997	EP	0870159 A	14/10/1998
				SE	504172 C	25/11/1996
				SE	9504647 A	25/11/1996

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INTERNATIONAL SEARCH REPORT

Information on patent family members

01/10/2004

International application No.

PCT/SE 2004/001183

WO	9957496	A1	11/11/1999	AU	4304499	A	23/11/1999
				CA	2331173	A	11/11/1999
				DE	19983200	T	17/05/2001
				GB	0026715	D	00/00/0000
				GB	2353090	A,B	14/02/2001
				US	5974692	A	02/11/1999
				US	6151925	A	28/11/2000

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